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Hull & Goole Port Health Authority



ANNUAL REPORT

OF THE

Port Medical Officer

FOR

1967

ALEXANDER HUTCHISON,
O.B.E., M.D., Ph.D., D.P.H., M.R.C.P. (Glas.), D.P.A.
Port Medical Officer.



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Port Medical Officer.

9 PIER STREET
HULL.
May, 1968

*To the Chairman and Members of the
Hull and Goole Port Health Authority.*

GENTLEMEN,

I have pleasure in presenting my Report as Port Medical Officer of Health of the Hull and Goole Port Health Authority for the year ended 31st December, 1967.

As in previous years the report has been compiled in accordance with Form Port 20. of the Ministry of Health.

At Hull the extension of the King George Dock is nearing completion and will probably be in operation in 1969, allowing more deep-sea trade to use the port.

The Roll on/Roll off ferry services between Hull/Rotterdam and Gothenburg are now in full operation and during 1967 over 153,000 passengers entered or departed through the port. A new Passenger Terminal is now in operation at the Alexandra Dock to deal with the Rotterdam passenger service formerly operated from the Riverside Quay at the Albert Dock.

At Goole the new crange scheme at West Dock is now completed and steady progress is being maintained on the scheme for development in the Ship Dock/Harbour Basin area which will provide four new berths among other amenities.

The Authority's officers have maintained a close watch on vessels in connection with the Clean Air Act, 1956, and only one ship was found to contravene the Act.

Activity has been maintained in dealing with vessels presenting invalid deratting or deratting exemption certificates; 591 certificates were issued during the year, an increase of 13 over 1966, and only one vessel was subjected to deratting measures.

Training facilities in port health work were again provided during the year to a number of student public health inspectors attached to various authorities in the West Riding of Yorkshire. Instruction in port health administration was also given to a Health Officer from Kenya.

On 16th December, 1967, the Authority suffered a sad loss by the death of Dr. G. R. Walker, an Assistant Medical Officer who joined the service on 29th July, 1940. He will be remembered for the conscientious manner in which he discharged his various duties, particularly during the war years, when ship-boarding at night was an hazardous undertaking.

Again I tender my thanks to H.M. Collector of Customs and Excise and his staff, to the Superintendent of H.M. Customs Waterguard and his Officers, H.M. Chief Immigration Officers and their staff, the Pilots, Dock Masters, Owners and Agents, and to many others with shipping connections in the Port.

All the staff have worked well during the year for which I am sincerely appreciative.

I also pay tribute to the Chairman and Members of the Port Health Authority for their continued interest in the many matters affecting the administration and I thank them for their kindness and courtesy to me at all times.

I am,

Your obedient servant,

ALEXANDER HUTCHISON,
Port Medical Officer.



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HULL AND GOOLE PORT HEALTH AUTHORITY

Constituted by an Order of the Local Government Board, dated 11th June, 1887

Members elected by the Corporation of Kingston upon Hull

COUNCILLOR W. HOBDEN (*Chairman*)
COUNCILLOR G. E. FOX

COUNCILLOR J. W. SMITH, J.P.

COUNCILLOR S. McGRATH (*Deputy Chairman*)

COUNCILLOR A. DRURY

Members elected by the Goole Borough Council

STAFF—TABLE A

<i>Name of Officer and qualifications</i>	<i>Name of Appointment</i>	<i>Date of Appointment to staff</i>	<i>Any other Appointments held</i>
Alexander Hutchison, O.B.E., M.D., Ph.D., D.P.H., M.R.C.P. (Glas.) D.P.A.	Port Medical Officer of Health and Medical Inspector of Aliens	1st January, 1953	Medical Officer of Health and Principal School Medical Officer, Corporation of Kingston upon Hull
J. Haydon W. Glen, LL.B.,	Clerk	11th November, 1957	Town Clerk, Corporation of Kingston upon Hull
G. E. Atkinson, F.I.M.T.A., D.P.A.	Treasurer	8th December, 1961	City Treasurer, Corporation of Kingston upon Hull
S. R. W. Moore, M.D., D.P.H.	Deputy Port Medical Officer of Health at Hull and Medical Inspector of Aliens	13th December, 1965	Deputy Medical Officer of Health and Deputy Principal School Medical Officer Corporation of Kingston upon Hull
A. H. Fairlamb, M.B. B.S., D.P.H.	Medical Officer and Medical Inspector of Aliens—occasional duty	20th May, 1957	Senior Medical Officer, Corporation of Kingston upon Hull
K. D. Mason, M.B.E., M.B., B.S., D.P.H., D.C.H., D.T.M. & H., D.I.H.	Medical Officer and Medical Inspector of Aliens—occasional duty	6th July, 1966	Senior Medical Officer, Corporation of Kingston upon Hull
D. R. Edmiston, M.B., CH.B., D.P.H.	Medical Officer and Medical Inspector of Aliens—occasional duty	12th January, 1960	Senior Assistant Medical Officer, Corporation of Kingston upon Hull

STAFF—TABLE 1—continued

<i>Name of Officer and qualifications</i>	<i>Nature of Appointment</i>	<i>Date of Appointment to staff</i>	<i>Any other Appointments held</i>
G. R. Walker, M.B., CH.B., D.T.M., D.P.H.	Medical Officer and Medical Inspector of Aliens—occasional duty	29th July, 1940— 6th December, 1967	Assistant Medical Officer, Corporation of Kingston upon Hull
S. Klinger, M.D., Vienna	Medical Officer and Medical Inspector of Aliens—occasional duty	21st July, 1952	Assistant Medical Officer, Corporation of Kingston upon Hull
W. J. F. Collins, M.B., CH.B., D.Obst., R.C.O.G., D.P.H.	Medical Officer and Medical Inspector of Aliens—occasional duty	1st August, 1963— 15th October, 1967	Assistant Medical Officer, Corporation of Kingston upon Hull
J. D. McVicker, B.A., M.B., B.CH.	Medical Officer and Medical Inspector of Aliens—occasional duty	26th August, 1964	Assistant Medical Officer, Corporation of Kingston upon Hull.
J. M. O'Brien, M.B., CH.B., D.P.H.	Medical Officer and Medical Inspector of Aliens—occasional duty	15th November, 1965	Assistant Medical Officer, Corporation of Kingston upon Hull
L. Kilpatrick, M.B., CH.B., D. Obst., R.C.O.G., D.P.H.	Medical Officer and Medical Inspector of Aliens—occasional duty	28th December, 1965	Assistant Medical Officer, Corporation of Kingston upon Hull
A. K. Brahmachari, M.B., B.S. Calcutta	Medical Officer and Medical Inspector of Aliens—occasional duty	11th August, 1966	Assistant Medical Officer, Corporation of Kingston upon Hull
V. J. de Bono, M.D., Malta	Medical Officer and Medical Inspector of Aliens—occasional Officer	6th February, 1967	Assistant Medical Officer, Corporation of Kingston upon Hull
S. K. Appleton, M.D., D.T.M., D.P.H.	Deputy Port Medical Officer of Health at Goole	5th January, 1948	Divisional Medical Officer and School Medical Officer; Goole Borough, Goole Rural, Selby Urban and Selby Rural Authorities
R. T. Hunter, B.Sc., F.R.I.C.	Port Analyst	1st February, 1962	Public Analyst, Corporation of Kingston upon Hull

STAFF—TABLE A—continued

<i>Name of Officer and qualifications</i>	<i>Nature of Appointment</i>	<i>Date of Appointment to Staff</i>	<i>Any other Appointments held</i>
*G. Wallace	Senior Port Health Inspector	10th October, 1938	—
†*T. A. Fox	Deputy Senior Port Health Inspector	8th September, 1941	—
*T. A. K. Williams	Port Health Inspector	14th December, 1957	—
*N. Howard	Port Health Inspector	1st April, 1963	—
*R. Loughran	Port Health Inspector	25th July, 1966— 31st March, 1967	—
*D. L. Abba	Port Health Inspector	20th March, 1967	—
*G. Lister	Port Health Inspector	1st May, 1967	—
N. Kay	Pupil Port Health Inspector	7th December, 1964	—
L. R. Gourd	Chief Food Inspector at Hull	9th June, 1947	Chief Food Inspector, Corporation of Kingston upon Hull
G. A. Sandilands	Senior Food Inspector at Hull	5th July, 1949	Senior Food Inspector, Corporation of Kingston upon Hull
L. Booth	Food Inspector at Hull	11th March, 1952	Assistant Senior Food Inspector, Corporation of Kingston upon Hull
W. B. Eggett	Food Inspector at Hull	5th July, 1966	Assistant Senior Food Inspector, Corporation of Kingston upon Hull
A. Jackson	Food Inspector at Hull	1st November, 1966	Assistant Food Inspector, Corporation of Kingston upon Hull
S. Johnson	Senior Administrative Asst.	15th March, 1926	—
S. Broadbent	Administrative Assistant	24th March, 1930	—
M. B. Woodward	Junior Clerk	22nd August, 1966	—
J. W. Warelow	Rodent Searcher	11th January, 1954	—
J. Cressey	Rodent Searcher	29th August, 1960	—
A. Dunn	Rodent Searcher	3rd January, 1966	—

* Appointed as Assistant Officer at Goole under the Public Health (Imported Food) Regulations, 1937 and 1948.

† Qualified Master Mariner.

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REPORT

JURISDICTION OF PORT

There has been no alteration in the definition of the limits of jurisdiction of the Port Health Authority.

AMOUNT OF SHIPPING ENTERING THE DISTRICT DURING THE YEAR

During 1967, 9,908 vessels entered the Ports of Hull and Goole with a total net tonnage of 8,666,866 as against 9,519 vessels with a total net tonnage of 8,305,792 in 1966.

In the year under review 619 ships were dealt with on arrival by the Medical Officers of the Authority ; this shows an increase of 177 when compared with the figure for 1966.

The Port Health Inspectors visited 7,118 vessels on 251 of which sanitary defects were discovered, on 90 of these vessels the defects were remedied. In 1966 the figures were respectively 6,982 222 and 68. Details of this work will be found in Table G, page 31, and in Appendix 1, pages 51-52, and Appendix 5, pages 56-58.

TABLE B

HULL

Ships from	Number	Tonnage	Number inspected		Number of ships reported as having, or having had infectious disease on board
			By the Medical Officer of Health	By the Port Health Inspector	
Foreign Ports : Steamers and motor vessels	4,442	5,728,727	134	3,606	8
Fishing vessels	1,531	424,978	2	1,330	1
Total	5,973	6,153,705	136	4,936	9
Coastwise Ports : Steamers and motor vessels	1,205	1,558,013	—	670	—
Fishing vessels	111	9,084	—	43	—
Total	1,316	1,567,097	—	713	—
Total from Foreign and Coastwise Ports	7,289	7,720,802	136	5,649	9

GOOLE

Ships from	Number	Tonnage	Number inspected		Number of ship reported as having, or having had infectious disease on board
			By the Medical Officer of Health	By the Port Health Inspector	
Foreign Ports : Steamers and motor vessels	1,734	468,873	22	1,139	—
Coastwise Ports : Steamers and motor vessels	885	477,191	—	330	—
Total from Foreign and Coastwise Ports	2,619	946,064	22	1,469	—
Total from Foreign and Coastwise Ports—Hull and Goole	9,908	8,666,866	158	7,118	9

In addition, passengers from 461 vessels were dealt with at the Passenger Terminals under the Aliens Order 1953 and the Commonwealth Immigrants Act, 1962.

CHARACTER OF SHIPPING AND TRADE DURING THE YEAR

TABLE C

PASSENGER TRAFFIC

HULL

No. of Passengers	British	Aliens	Totals
Inwards	52,042	26,589	78,631
Outwards	50,346	24,839	75,185

Total Passengers, Inwards and Outwards 153,816

GOOLE

No. of Passengers	British	Aliens	Totals
Inwards	228	348	576
Outwards	540	316	856

Total Passengers, Inwards and Outwards 1,432

Figures for Table C were supplied by H.M. District Inspector (Home Office—Immigration Branch).

During the year 155,248 Alien and British passengers entered or departed from Ports of Hull and Goole as compared with 100,608 in 1966.

The number of Aliens entering the district showed an increase of 9,570 when compared with the figure for 1966.

British passengers outwards increased by 16,799 when compared with the figure for 1966.

CARGO TRAFFIC

HULL

IMPORTS :—

Commodity	1967 Tons	1966 Tons
Cereals (including flour)	847,229	775,599
Fruit and Vegetables	132,533	131,245
Molasses and Sugar	123,303	112,198
Other Foodstuffs	312,930	283,626
Timber (including pitwood)	543,148	529,862
Iron Ore	152	846
Building Materials	102,130	79,380
Wool and Textile Fibres	54,435	60,350
Oilseeds and Nuts	307,009	283,435
Petroleum	2,386,835	2,498,365
Iron and Steel	104,345	87,556
Miscellaneous	1,179,835	1,133,528
	<hr/>	<hr/>
	6,093,884	5,975,990
Fish Landings	187,962	185,082
	<hr/>	<hr/>
Totals	6,281,846	6,161,072

EXPORTS :—

Commodity	1967 Tons	1966 Tons
Cereals (including flour)	29,141	56,381
Other foodstuffs	62,120	60,821
Coal and Coke cargo.....	1,026,929	1,431,914
Petroleum cargo	356,238	534,647
Chemicals and Fertilisers	165,582	120,459
Iron and Steel	193,344	170,490
Machinery	83,560	83,831
Vehicles	120,537	117,547
Textiles	23,523	15,183
Buildings Materials	39,703	70,267
Miscellaneous	341,102	227,263
	<hr/>	<hr/>
	2,441,779	2,888,803
Bunker Fuel —Coal and Coke	3,396	10,507
—Petroleum	402,058	446,875
	<hr/>	<hr/>
Totals	2,847,233	3,346,185
	<hr/>	<hr/>
TOTAL : IMPORT and EXPORT	9,129,079	9,507,257

GOOLE

IMPORTS :—

Commodity	1967 Tons	1966 Tons
Cereals and Grain	15,041	6,778
Dairy products and other foodstuffs	74,118	68,394
Timber	92,441	47,236
Wood and Paper Manufactures	25,551	33,737
Wool Textiles and Fibres	26,889	28,342
Ores	16,227	14,713
Building materials, etc.	58,096	73,419
Petroleum and Products	17,045	68,561
Chemicals and Chemical Fertilisers	177,005	114,990
Iron and Steel (including scrap)	105,065	30,181
Machinery and vehicles	5,070	5,279
Other commodities	12,671	13,893
Totals	625,219	505,523

EXPORTS :—

Commodity	1967 Tons	1966 Tons
Foodstuffs	14,160	39,670
Building Materials (including pitch)	28,067	45,320
Chemicals and Chemical Fertilisers	19,549	21,781
Textiles and Fabrics	22,864	25,070
Iron and Steel (including scrap)	52,399	48,911
Machinery	19,766	32,943
Vehicles	2,172	3,707
Other commodities	27,562	37,493
Totals	186,539	254,895
Coal, Coke and Patent Fuel	1,201,951	1,431,315
Totals	1,388,490	1,686,210
TOTAL IMPORTS AND EXPORTS	2,013,709	2,191,733

INLAND BARGE TRAFFIC
REPORT ON THE INSPECTION OF CANAL BOATS

River and canal traffic is between Hull and Leeds, Bradford Halifax, Castleford, Sheffield, Thorne, Doncaster, Selby, Brighouse Barnsley, Wakefield, Goole, Selby, York, Newark, Nottingham and Gainsborough.

Number of inspections to Canal Boats	1,268
Number of additional inspections made to ascertain if notices served and verbal cautions given had been complied with	2
Total number of inspections	1,270

Contraventions and Defective Conditions

Number of Canal Boats with contraventions	37
Number of contraventions	95
Number of contraventions remedied	61

Infectious Diseases

No notifications were received from medical practitioners of any case of infectious disease having occurred on canal boats in the district during the year.

Legal Proceedings

It has not been necessary during the year to institute legal proceedings.

WATER SUPPLY

For the District

Under Article 14, Part III, of the International Sanitary Regulations, every port shall be provided with a supply of pure drinking water. At the Port of Hull drinking water is supplied by the Kingston upon Hull Corporation and at the Port of Goole by the Goole Borough.

For Shipping

Ships at Hull obtain their fresh water either direct from the hydrants on application to the dock authorities, or from privately owned water-boats. At Goole fresh water for shipping is supplied by water-boats.

Reports on Tests for Contamination

(a) CHEMICAL

Five water samples obtained from water-boats and ships in Hull and Goole were examined by the Port Analyst, one of which was reported to be unsatisfactory.

(b) BACTERIOLOGICAL

Eighty-four samples from water boats and ships were examined bacteriologically by the Director of the Public Health Laboratory Service; ten samples from ships were reported to be unsatisfactory.

In the cases where samples were reported to be unsatisfactory instructions were given for the water in the tanks to be chlorinated prior to the tanks being emptied, cleansed and cement-washed. These orders were complied with in every case.

Precautions against Contamination of Hydrants and Hosepipes

Vessels are supplied with fresh water from privately-owned water-boats or direct from hydrants on the quayside under the ownership of the British Transport Docks Board.

Samples are taken periodically from the water-boats and the hydrants, the latter with the consent and co-operation of the British Transport Docks Board.

Should any hydrant or equipment be found in an unsatisfactory condition the matter is reported to the British Transport Docks Board who take the necessary action.

Number and Sanitary Condition of Water Boats and Powers of Control by the Authority

Docks	Number of Boats
Albert and William Wright	1
Humber	1
Victoria	2
Alexandra	1
Goole	2

These boats are periodically cleansed and cement-washed and are kept under constant supervision by the Authority's Inspectors. Samples of drinking water are taken periodically and submitted to the Director of the Public Health Laboratory Service for bacteriological examination, and, if considered necessary, for chemical analysis by the Port Analyst.

Ships domestic water tanks are similarly sampled either as a result of complaints or as part of the normal duties.

Where adverse reports are received the appropriate action is taken under the provisions of Section 141, Part IV, of the Public Health Act, 1936.

The results of the examination of drinking water samples from British ships are reported, at his request, to the Provisions Inspector of the Board of Trade.

PUBLIC HEALTH (SHIPS) REGULATIONS 1966

The Port Health Authority maintains a complete twenty-four hour service in order to ensure the prompt clearance of incoming vessels under the provisions of the above Regulations.

Eight authorised officers are on rota stand-by duty at home after office hours to receive news of the impending arrivals of vessels requiring medical attention. They arrange for the attendance of the medical officer and accompany him to all vessels.

The medical staff of twelve work on a rota duty basis and the officer on duty is available at any time of the day or night.

INFECTED AREAS—NO CHANGE

RADIO MESSAGES—NO CHANGE

MOORING STATIONS

The outside mooring station remains as previously defined, namely, the Humber Quarantine Anchorage or, in the case of large vessels, at the mouth of the Humber. This would be left to the discretion of the master and the pilot.

With regard to the inside moorings stations all incoming vessels requiring medical clearance under the regulations will be allowed to proceed direct to the intended place of mooring, discharge or loading for detention there pending medical inspection, unless otherwise directed by the Port Medical Officer.

HOSPITAL ACCOMMODATION FOR INFECTIOUS DISEASES—NO CHANGE.

SURVEILLANCE AND FOLLOW-UP OF CONTACTS—NO CHANGE.

CLEANSING AND DISINFECTION OF SHIPS, PERSONS, CLOTHING AND OTHER ARTICLES—NO CHANGE.

SMALLPOX

All cases or suspected cases of smallpox may be sent to the Castle Hill Hospital, Cottingham, E. Yorks.

Ambulances for the removal of cases to hospital are provided at all times by the Kingston upon Hull Ambulance Service which is under the direction of the Medical Officer of Health for the City.

Vans are also available for the conveyance of bedding, etc., to and from the Corporation Disinfecting Station, Scarborough Street, Hull.

All ambulance staff and the staff of the Authority are subjected to periodical vaccination.

Dr. Alexander Hutchison, Medical Officer of Health of the City of Kingston upon Hull and of the Hull & Goole Port Health Authority, is the smallpox consultant for the district.

Specimens for laboratory diagnosis are forwarded to :—

The Virus Laboratory,
Public Health Laboratory,
Bridle Path,
York Road,
LEEDS, 15.

VENEREAL DISEASE

Cases of Venereal Disease are treated at the Clinic, Mill Street, Hull.

The times of attendances for seeing the doctor as are follows :—

Monday	.....	.....	.....	10 a.m. to 12 noon 5-0 p.m. to 6-0 p.m.
Tuesday	.....	.....	.....	10-0 a.m. to 12 noon 5-0 p.m. to 6-0 p.m.
Wednesday	.....	.....	.....	10-0 a.m. to 12 noon 5-0 p.m. to 7-0 p.m.
Thursday	.....	.....	.....	10-0 a.m. to 12 noon 5-0 p.m. to 6-0 p.m.
Friday	.....	.....	.....	10 a.m. to 12 noon 5-0 p.m. to 6-0 p.m.
Saturday	.....	.....	.....	—————

A ' Notice to Seamen ' Card has been printed in fourteen languages, giving the address of the clinic and the times of attendance.

In-patients are treated at the Hull Royal Infirmary, Anlaby Road, Hull, and at the Kingston General Hospital, Beverley Road, Hull.

In view of the small attendance it was decided to discontinue the clinic at the Bartholomew Hospital, Goole, as from 16th November, 1967.

**CASES OF NOTIFIABLE AND OTHER INFECTIOUS DISEASES
ON SHIPS**

TABLE D

Cases landed from Ships from Foreign Ports

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
Chicken-pox	1	1	2
Broncho-pneumonia	1	1	1
Infective hepatitis	—	1	1
Mumps	1	—	1
Rubella	—	1	1

**Cases which have occurred on ships from Foreign Ports but have
been disposed of prior to arrival**

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
Bacillary dysentery	—	1	1
Chicken-pox	—	1	1
Pneumonia	—	1	1

Cases landed from other Ships

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
—	—	—	—

The m.v. "Jalavihar" from India via Cardiff arrived in London on 14th October, 1967, from India via Cardiff. On 23rd October information was received at London from Cardiff Port Health Authority that a docker at that port had contracted anthrax after working on a cargo of crushed bones on the vessel.

On the evening of 23rd October, on the instructions of the London Port Health Authority, the hold spaces which had contained bones, hides, etc., were sprayed with a 5% solution of formaldehyde.

The vessel completed cargo in London on 24th October and arrived in Hull on 27th October. She was boarded on arrival by the Deputy Port Medical Officer of Health and the Senior Port Health Inspector who were met by the Area Factory Inspector and the Local Factory Inspector. The Master reported no sickness on board.

After a general discussion with the Master as to whether the local dockers would be in contact with the crushed bones the conclusion was reached that no contact was envisaged and that as the London Port Health Authority had already treated the bone cargo and no crushed bones were to be landed at Hull, no further action at Hull was considered necessary.

The Medical Officer of the National Dock Labour Board was made aware of the circumstances.

The vessel left Hull for Antwerp on 1st November with 1,100 tons of cargo, including 957 tons of crushed bones, and the Medical Officer of Health for that port was furnished with a full report of the circumstances.

On 24th January, 1967, the m.v. "Kohima" arrived at Hull from the West Coast of Africa via Las Palmas and Vigo. The Master reported that the Chief Officer had suffered from diarrhoea and vomiting and was seen by a doctor at Las Palmas. On arrival at Vigo he had blood, urine and stool examinations when it was confirmed that he had been suffering from bacillary dysentery with colitis. He resumed duty on 8th January and had had no recurrence of the illness.

As a precautionary measure faecal swabs were obtained from members of the crew and submitted to the Director of the Public Health Laboratory Service who reported that organisms of the salmonella or shigella groups had not been isolated.

Disinfection of the cabin and toilets was carried out by an officer of the Authority.

A bacteriological sample of the drinking water was taken prior to the vessel leaving for London which was reported to be unsatisfactory. Details were forwarded forthwith to the Port Medical Officer of Health of that port.

On 5th May the m.v. "Saga" was boarded by a medical officer and an authorised officer when a Swedish female passenger, age 12, was found to be suffering from chicken-pox. She was admitted to the Castle Hill Hospital, Cottingham, and the bedding and cabin were disinfected. The remainder of the party of twenty-six were medically inspected and were found to be well.

She returned to Gothenburg on 15th May and the Medical Officer of Health was informed of the circumstances.

On 10th May, a medical officer and an authorised officer boarded the s.t. "Kingston Onyx" in the Hull Roads by reason of sickness on board. A member of the crew was found to be suffering from German measles. He was removed to his home and obtained private medical treatment.

On 2nd June a member of the crew of the m.v. "Spero" from Gothenburg reported sick to his own doctor and was found to be suffering from chicken-pox. The quarters occupied by him were disinfected by an officer of the Authority.

On 23rd June a case of sickness was reported on the m.v. "Spero" from Gothenburg. The vessel was boarded by a medical officer and an authorised officer when a Swedish male passenger, age 7, was found to be suffering from mumps. He was in the care of his parents who intended to travel in England in their own car and caravan. The patient was allowed to land and arrangements were made for the disinfection of the quarters occupied by the family whilst on the ship.

On 22nd August it was reported that a member of the crew of the m.v. "Benavon" from the Far East via Liverpool had been admitted to the Castle Hill Hospital, Cottingham, suffering from infective hepatitis. The bedding, cabin and personal effects were disinfected.

On 13th September the m.v. "Temberto" from Hamina was boarded by reason of sickness on board. A Tanzanian seaman was found to be suffering from broncho-pneumonia and arrangements were made for his admission to the Hull Royal Infirmary. His cabin and bedding were disinfected under the supervision of an officer of the Authority.

OBSERVATIONS ON THE OCCURRENCE OF MALARIA ON SHIPS

No cases of malaria were found or reported on ships arriving in the port health district during the year.

MEASURES TAKEN AGAINST SHIPS INFECTED WITH OR SUSPECTED FOR PLAGUE

No ships, infected or suspected for plague, arrived in the port health district during the year.

MEASURES AGAINST RODENTS IN SHIPS FROM FOREIGN PORTS

Procedure for Inspection of Ships for Rats

The Authority's Inspectors and Rodent Searchers inspect all ships from foreign ports for evidence of rat infestation as soon as possible after arrival; 339 ships arrived from infected areas either direct or via "excepted" or British ports. The Authority's officers pay particular attention to such ships.

Where evidence of recent infestation is found traps are laid and specimens trapped are submitted for bacteriological examination.

In 1967 traps were set on 239 ships and 26 rats were caught.

Arrangements for the Bacteriological or Pathological Examination of Rodents

A proportion of all rats trapped and all found dead, are submitted to the Director of the Public Health Laboratory Service, 184 High Street, Hull for bacteriological examination. 12 rats were examined during the year, none of which showed evidence of *Pasteurella pestis*. Details are given in Table E (page 29).

Arrangements for deratting ships

Five methods of rat destruction are approved, namely: (1) Fumigation by hydrogen cyanide; (2) Fumigation by sulphur dioxide; (3) Fumigation by methyl bromide; (4) Trapping, and (5) Poisoning by sodium fluoroacetate. Details are given in Tables E and F. (pages 29 and 30).

In cases where ships may harbour plague-suspected rats and also in cases of heavy rat infestation it is insisted upon that deratting be carried out by fumigation with hydrogen cyanide. Where the infestation is slight or moderate deratting is permitted by fumigation with sulphur dioxide or poisoning by sodium

fluoroacetate. Infestation of a minor nature can be dealt with by trapping.

There is a working arrangement with the Ministry of Agriculture, Fisheries and Food (Infestation Branch) whereby ships being fumigated with methyl bromide may be granted a deratting certificate provided the operation is supervised by an Officer of the Authority.

Where deratting by fumigation or by sodium fluoroacetate is considered necessary the work is carried out by commercial contractors. The firms approved by the Authority for undertaking this work are as follows :—

(a) Messrs. R. W. Arro & Co., Ltd.
433 Hedon Road,
Hull.

(b) Messrs. Harrison & Doughty Ltd.
Wyke Street,
Hull.

(c) Scientex Ltd.
30-31 Queen Street,
London, E.C.4.

(d) London Fumigation Co., Ltd.
25 Queen Street,
Hull.

(e) Rentokil Laboratories Ltd.
103b, Beverley Road,
Hull.

Progress in the rat-proofing of ships

Inspections continue to show the incorporation of rat-proofing measures in the construction of new vessels and that rat harbourage of a permanent nature is kept down to a minimum. Wherever unprotected rat harbourage is found the Authority's officers advise on the most effective methods of eliminating the harbourage.

PREVENTION OF DAMAGE BY PESTS ACT 1949 PREVENTION OF DAMAGE BY PESTS (APPLICATION TO SHIPPING) ORDER 1951 and 1956

Three Rodent Control Certificates were issued during the year under the Prevention of Damage by Pests (Application to Shipping) Order 1951, made under the Prevention of Damage by Pests Act 1949.

TABLE E
RODENTS DESTROYED DURING THE YEAR
IN SHIPS FROM FOREIGN PORTS

Category	Number
Black Rats	26
Brown Rats	—
Species not known	—
Sent for examination	12
Infected with Plague	—

In addition 65 mice were found after treatment with sodium fluoroacetate.

TABLE F
DERATTING CERTIFICATES AND DERATTING EXEMPTION CERTIFICATES ISSUED DURING THE YEAR
FOR SHIPS FROM FOREIGN PORTS

HCN	No. of Deratting Certificates issued			Total	Number of Deratting Exemption Certificates issued	Total Certificates issued
	After Fumigation with		After poisoning			
	Other Fumigant (state method)	trapping				
—	—	—	1 (sodium fluoroacetate)	1	590	591

INSPECTION OF SHIPS FOR NUISANCES
TABLE G
INSPECTIONS AND NOTICES

Category of Nuisance and Number of Inspections	Number Found	Number Remedied	Notices Served		Result of Serving Notices
			Statutory Notices	Other Notices	
British					
Defects of original construction	9	—	—	—	—
Structural defects through wear and tear	31	25	—	3	2 remedied
Dirt, vermin and other conditions prejudicial to health	255	255	—	—	—
Defects arising from structural alterations	1	—	—	—	—
Foreign					
Defects of original construction	206	1	—	—	—
Structural defects through wear and tear	36	9	—	—	—
Dirt, vermin and other conditions prejudicial to health	203	147	—	3	3
Defects arising from structural alterations	62	2	—	—	—
Totals	803	439	—	6	5 ships remedied

It should be noted that defects of original construction and those arising from structural alterations are not strictly matters for correction by your officers and such defects when found on British ships are notified to the Board of Trade for their attention.

ALIENS ORDER 1953

The Medical Inspectors of Aliens holding Warrants of Appointment at the 31st December, 1967 were as follows :—

1. Dr. ALEXANDER HUTCHISON, Port Medical Officer of Health.
2. Dr. S. R. W. MOORE, Deputy Medical Officer, Hull C.B.
3. Dr. A. H. FAIRLAMB, Senior Medical Officer, Hull C.B. (part-time Boarding Duty).
4. Dr. K. D. MASON, Senior Medical Officer, Hull C.B. (part-time Boarding Duty).
5. Dr. D. R. EDMISTON, Senior Assistant Medical Officer, Hull C.B. (part-time Boarding Duty).
6. Dr. S. KLINGER, Assistant Medical Officer, Hull C.B. (part-time Boarding Duty).
7. Dr. J. D. MCVICKER, Assistant Medical Officer Hull C.B. (part-time Boarding Duty).
8. Dr. J. M. O'BRIEN, Assistant Medical Officer, Hull C.B. (part-time Boarding Duty).
9. Dr. L. KILPATRICK, Assistant Medical Officer, Hull C.B. (part-time Boarding Duty).
10. Dr. A. K. BRAHMACHARI, Assistant Medical Officer, Hull C.B. (part-time Boarding Duty).
11. Dr. V. J. DE BONO, Assistant Medical Officer, Hull C.B. (part-time Boarding Duty).

OTHER STAFF

Six Inspectorial and two Clerical Staff.

ORGANISATION OF WORK

The expected time of arrival of ships carrying Alien and Commonwealth passengers is notified by H.M. Immigration Officers and the shipping agents to the office of the Authority. After office hours this information is obtained by the authorised officer on duty who arranges for the attendance of the medical inspector and accompanies him to the vessel or to the passenger terminal.

MEDICAL EXAMINATION OF ALIENS

during the year ended 31st December, 1967

1. Number of arriving ships carrying alien passengers	993
2. Total number of arriving aliens (excluding crews)	26,589
3. Total number of aliens medically examined	102
4. Reports and certificates for aliens medically examined	3

Medical examination of aliens is carried out at the Passenger Terminals, Riverside Quay and King George Dock, and occasionally on board ship.

From 31st January, 1968, a new Passenger Terminal at the Alexandra Dock, came into operation, replacing the terminal at the Riverside Quay.

Nature of Report or Certificate		Total number of reports and certificates issued	Aliens Not Permitted to land
A	Unsound mind or mentally defective	1	1
B (1)	Undesirable for medical reasons	1	1
	(a) Inability to support	Nil	—
B (2)	(b) Likely to require medical treatment	1	—
	(c) Inability to support and likely to require medical treatment		
C	Conditionally landed for further medical examination	Nil	—
	Totals	3	2

COMMONWEALTH IMMIGRANTS ACT 1962

All the Medical Inspectors of Aliens have been issued with warrants of appointment under the above Act.

The arrangements regarding the arrival of vessels carrying immigrants are similar to those operating for the ordinary alien traffic.

MEDICAL EXAMINATION OF COMMONWEALTH IMMIGRANTS
during the year ended 31st December, 1967

1. Total number of arriving Commonwealth citizens subject to control under the Act 1,415
2. Total number of Commonwealth citizens medically examined 15
3. Reports and Certificates for Commonwealth citizens medically examined :—

Nature of report or certificate		Number of reports or certificates issued	Number of Commonwealth citizens refused entry
A	Suffering from mental disorder	2	2
B (1)	Undesirable for medical reasons	Nil	—
B (2)	Likely to require major medical treatment	Nil	—
Totals		2	2

MISCELLANEOUS

ARRANGEMENTS FOR THE BURIAL ON SHORE OF PERSONS WHO HAVE DIED FROM INFECTIOUS DISEASE—NO CHANGE

CLEAN AIR ACT 1956

During the year smoke observations were carried out on 54 vessels and in all instances verbal warnings were given.

One vessel was found to contravene Section I. of the Act.

A defence was offered and not being a flagrant offence it was considered that a warning letter would suffice.

DANGEROUS DRUGS REGULATIONS 1964

During the year an application was received from a local firm of shipping chemists for a certificate authorising the purchase of scheduled drugs for a foreign-owned vessel in accordance with the provisions of the above Regulations.

The vessel concerned was visited by an Inspector of the Authority to verify the necessity for the drugs.

**FOOD INSPECTION
HULL**

Public Health (Imported Food) Regulations 1937 and 1948

Number of visits to docks	1,148
Number of vessels from which cargoes were inspected	1,434
Number of packages inspected	18,552,118
Number of detention notes issued by Port Medical Officer	6

PROHIBITED MEAT DISCOVERED

NIL

PARTICULARS OF MEAT PRODUCTS—

SECOND SCHEDULE

<i>Country of Origin</i>	<i>Description</i>	<i>Quantity</i>
Argentina	Chilled Meat.....	1,797 packages
Australia and New Zealand	Carcases Lamb	112,119 "
"	Tinned Meats	187,548 "
"	Meat Sundries	8,857 "
"	Casings	22 "
"	Carcases Mutton	6,268 "
"	Meats	1,155 "
"	Chilled Beef	3,285 "
"	Frozen Livers	5,000 "
"	Beef	3,056 "
"	Frozen Meat.....	1,993 "
"	Lamb Livers	1,338 "
"	Kangaroo Meat	637 "
"	Boneless Beef	3,167 "
"	Boneless Mutton	1,046 "
"	Mutton Legs	732 "
"	Ox Rumps	88 "
Belgium	Tinned Meats	28,174 "
"	Meat Preserves	4,875 "
"	Cowbeef	130 "
"	Quarter beef	382 "
Botswana	Tinned Meats	151,500 "
Canada	Frozen Meats	1,226 "
China	Tinned Meats	15,213 "
Denmark	Meat Sundries	15,016 "
"	Tinned Meats	581,071 "
"	Lard	89,740 "
"	Carcases Veal	366 "
"	Bacon	380,305 "
"	Bacon Rinds	124 "
"	Rinds	952 "

<i>Country of Origin</i>	<i>Description</i>	<i>Quantity</i>
Denmark	Sausage Casings	10 Packages
"	Meat Preserves	375 "
"	Sausages	176 "
"	Chitterlings	8 "
"	Hog Casings	10 "
"	Meats	1,219 "
"	Pork Greaves	157 "
"	Pork Carcasses	505 "
"	Offals	78,029 "
"	Frozen Meats	1,075 "
"	Half Pork Carcasses	150 "
"	Frozen Bacon	
	Carcasses	120 "
Finland	Pork Carcasses	6,384 "
"	Meat Sundries	768 "
"	Tinned Meats	1,000 "
Germany	Tinned Meats	3,067 "
"	Meat Sundries	70 "
"	Meat Preserves	355 "
Holland	Tinned Meats	394,836 "
"	Meat Preserves	16,388 "
"	Braised Kidneys	75 "
"	Lard	18,547 "
"	Frankfurters	385 "
"	Meat Sundries	10,138 "
"	Offals	16 "
"	Animal Fats	77 "
"	Pork Kidneys	40 "
"	Bacon	195 "
"	Bacon Backs	1,322 "
"	Frozen Meats	6,352 "
"	Beef Kidneys	338 "
"	Salami	60 "
"	Meats	6 "
"	Horsemeat	428 "
Hungary	Salami	25 "
"	Tinned Sausages	130 "
Iceland	Frozen Lamb	26,533 "
"	Lambs' Liver	2,750 "
"	Sheep's Liver	344 "
"	Sausage Casings	5 "
Poland	Offals	153 "
"	Tripe	55 "
"	Beef Goulash	175 "
"	Pork Goulash	100 "
"	Lard	485,622 "
"	Tinned Meats	372,134 "
"	Bacon	134,187 "
"	Meat Preserves	16,705 "
"	Sausages	1,310 "

<i>Country of Origin</i>	<i>Description</i>	<i>Quantity</i>
Poland	Bacon Backs	2,423 packages
"	Meat Sundries	200 "
South Africa	Tinned Meats	20,326 "
"	Chilled Beef	1,176 "
South West Africa	Tinned Meats	18,346 "
Sweden	Bacon	19,599 "
"	Meat Sundries	4,468 "
"	Lard	1,231 "
"	Offals	2,854 "
"	Bacon Grill	2,340 "
"	Casings	15,430 "
"	Tinned Sausages	1,050 "
"	Tinned Meats	36,570 "
"	Tallow	1,360 "
"	Edible Tallow	3,800 "
"	Elk Meat	120 "
Switzerland	Lard	2,370 "
"	Pork Fat	800 "
Uruguay	Frozen Meat.....	562 "
U.S.A.	Frozen Meats	3,837 "
"	Frozen Kidneys	1,582 "
"	Frozen Tongues	1,736 "
"	Frozen Livers	912 "
"	Frozen Beef	962 "

OTHER FOODSTUFFS INSPECTED

<i>Description</i>	<i>Quantity</i>
Cucumbers.....	168,953 packages
Cherries	42,876 "
Apricots	15,472 "
Chicory	8,292 "
Beans	100,986 "
Coffee	145,875 "
Apples	1,637,215 "
Cocoa Butter	82,694 "
Confectionery	240,510 "
Cheese	247,204 "
Butter Oil	49,676 "
Blackcurrants	4,432 "
Chocolates and Sweets	22,466 "
Cabbage	34,836 "
Eggs	226,983 "
Butter	2,351,407 "
Casein	12,410 "
Bilberries	136,893 "
Cocoa Cake	53,213 "
Butterfat	1,681 "
Cocoa beans	5,025 "
Corn	8,908 "

<i>Description</i>	<i>Quantity</i>
Cooking fat	2,080 packages
Cream	248,987 "
Carrots	88,940 "
Cauliflowers	18,896 "
Frozen Whole Hen Egg	23,605 "
Beetroots	32,781 "
Egg Powder	6,765 "
Aubergines	1,095 "
Curry	215 "
Asparagus Tips	3,200 "
Butter milk powder	8,597 "
Assorted foodstuffs	5,277 "
Chinese Foods	1,430 "
Egg Yolk	80 "
Baby foods	25 "
Crisps	50 "
Capsicums	885 "
Conserves	5,794 "
Cocoa	1,570 "
Cardamona	10 "
Chillies Powder	200 "
Custard	92 "
Crispbread	14,394 "
Frozen Egg White	8,229 "
Fruit—Dried	197,786 "
Fish—Tinned	142,632 "
Grapes	18,177 "
Fish	128,645 "
Fruit—Frozen	154,648 "
Fruit—Tinned	599,896 "
Fruit Preserves	5,875 "
Cherries in S.O.2.	4,589 "
Honey	10,496 "
Flour	13,712 "
Jams	22,163 "
Fruit Pulp	10,924 "
Fruit Juice	98,952 "
Grapefruit	668,923 "
Groundnut Cake	3,610 "
Gherkins	5,828 "
Fruit Syrup	1,658 "
Fish Roe	12,601 "
Fruit in Brine	20 "
Figs and Fig Paste	28,646 "
Fish—Dried	24 "
Fish Preserves	2,800 "
Garlic	410 "
Ghee Substitutue	261 "
Gooseberries	2,750 "
Frozen Foods	825 "

<i>Description</i>	<i>Quantity</i>
Macaroni	68,482 packages
Oranges	1,386,577 "
Melons	34,266 "
Mandarins	3,880 "
Liquorice	27,442 "
Lettuce	385,585 "
Limes	6,098 "
Nuts	424,701 "
Milk Powder	128,486 "
Onions	396,352 "
Lemons	290,394 "
Tinned Milk	12,430 "
Margarine	2,700 "
Malt	20 "
Olive Oil	95 "
Mustard	75 "
Olives	1,150 "
Maize Starch	100 "
Lentils	10 "
Coconut Oil	107 "
Tinned Tomatoes	224,522 "
Tomato Preserves	7,400 "
Pears	298,759 "
Tomatoes	1,232,147 "
Tomato Juice	17,945 "
Tomato Puree	16,948 "
Peas	152,053 "
Shellfish	28,649 "
Rabbits and Poultry	185,858 "
Rice	19,027 "
Tea	8,908 "
Rice Bran	4,841 "
Sprouts	5,281 "
Sago	2,020 "
Pickles	100 "
Tapioca	8,850 "
Pineapple	18,970 "
Paprika	6,508 "
Potatoes	585,549 "
Pastry fat	600 "
Pectin	4,860 "
Sauerkraut	8,685 "
Sauce	4,053 "
Pate	780 "
Sugar	25,532 "
Tomato Paste	8,896 "
Soya Bean Meal	134,000 "
Raspberries	1,646 "
Plums	40,322 "
Radish	52 "

<i>Description</i>	<i>Quantity</i>
Soups	26,096 packages
Spaghetti	25 "
Peaches	58,824 "
Peppers	188 "
Spinach	1,200 "
Strawberries	1,760 "
Turtle	47 "
Pomegranates	1,664 "
Salt	160 "
Preserves	12,228 "
Spices	189 "
Thirst Quenchers	200 "
Vegetable Oil	50 "
Vegetables—frozen	48,558 "
Whale Solubles	225 "
Vegetables in Brine	12,143 "
Vegetable Preserves	37,040 "
Wines, Beers	11,860 "
Vegetables—Dried	8,090 "
Vegetables—Pressed	12,039 "
Vegetables—Tinned	57,200 "
Weinkraut	50 "
Vegetables	59,257 "
Vegetable Fat	4,000 "
Vinegar	12 "
Vegetable Ghee	899 "
Vegetable Preserves	250 "
Vermicelli	4,001 "
Yeast	28 "

FOODSTUFFS FOUND TO BE UNFIT

<i>Description</i>	<i>Weight</i>			
	<i>Tons</i>	<i>cwts.</i>	<i>Qrs.</i>	<i>lb.</i>
Tins Cherries	2	17	1	26
Oranges	—	12	—	22
Grapetruit	82	3	2	—
Lemons	—	3	3	—
Chestnuts	1	15	2	5
Butter	1	7	—	19
Tins Bilberries	—	—	3	22
Mixed Tin Goods	—	2	—	26
Cucumbers	—	9	2	22
Tomatoes	10	5	2	20
Lard	—	16	3	—
Carrots	2	3	3	—
Apples	2	1	2	—
Jars Baby Beets	—	2	1	8
Onions	9	11	—	—

<i>Description</i>	<i>Weight</i>			
	<i>Tons</i>	<i>cwts.</i>	<i>Qrs.</i>	<i>lb.</i>
Blackcurrant Pulp	—	7	—	—
Tins Pork Luncheon Meat	—	1	1	10
Tinned Tomatoes	—	—	1	7
Onions in Brine	—	3	2	—
Potatoes	1	6	2	—
Bacon	2	4	—	—
Bilberries	—	9	3	24
Strawberry Pulp	—	3	2	—
Eggs	3	13	2	—

SHELLFISH BEDS

There are no shellfish beds within the jurisdiction of the Authority. No action therefore, was taken under the Public Health (Shellfish) Regulations, 1934, or the Food and Drugs Act, 1955.

PUBLIC HEALTH (IMPORTED MILK) REGULATIONS 1926

No action has been taken under these regulations during the year.

THE MEAT (STAINING AND STERILISATION) REGULATIONS 1960

Inedible meats for use as pet foods have been inspected under these regulations during the year.

FOOD AND DRUGS ACT 1955

During the year 179 samples of foodstuffs were taken for chemical analysis and 121 for bacteriological examination under the above Act.

OFFICIAL CERTIFICATES

A cargo of animal fats on a tanker was detained owing to the incorrect establishment number on the Official Certificate.

After consultation with the Ministry of Agriculture, Fisheries and Food the cargo was released.

One thousand cartons of Pork Luncheon Meat were detained because the Official Certificate bore an establishment number which had been revoked. The number, however, after consultation with the Ministry was reinstated in order that stocks bearing the number could be released for sale.

Twenty cases of Canned Ham were detained because the establishment number was missing from the Official Certificate. On the authority of the Ministry the correct certificates were flown over and the goods were subsequently released.

Twenty-five cartons of Chopped Ham with Pork were detained owing to the absence of a proper Official Certificate. The goods were returned to the country of origin.

A consignment of 338 packages of beef kidneys were detained owing to the absence of the Official Certificates. The consignment was returned to the country of origin.

FOOD INSPECTION

GOOLE

Public Health (Imported Food) Regulations 1937 and 1948

Number of packages inspected	.....	.....	.....	1,929,222
Number of Detention Notes issued by H.M. Customs	.....			Nil.
Number of Detention Notes issued by Port Medical Officer	.....	.....	.....	2

This work is carried out by the Authority's permanent Port Health Inspectors who are engaged daily on the inspection of imported foodstuffs.

PARTICULARS OF "PROHIBITED MEAT"—

DISCOVERED

N I L

PARTICULARS OF "MEAT PRODUCTS"—

SECOND SCHEDULE

<i>Description</i>	<i>Quantity</i>
Chopped Ham and Pork, tinned	..... 230,716 cartons
Bacon	..... 196,307 bales
Pork Luncheon Meat, tinned	..... 140,374 cartons
Pork, tinned	..... 110,254 "
Hams, tinned	..... 73,515 "
Hot Dogs Sausages, tinned	..... 48,953 "
Pork Sausages, tinned	..... 40,980 "
Luncheon Meat, tinned	..... 36,745 "
Bacon Grill, tinned	..... 34,695 "
Chicken Breasts, tinned	..... 22,697 "
Chicken Fillets, tinned	..... 21,835 "
Cocktail Sausages, tinned	..... 14,418 "
Whole Chicken, tinned	..... 9,917 "

<i>Description</i>	<i>Quantity</i>
Chopped Chicken, tinned	9,207 cartons
Corned Beef, tinned	8,000 "
Party Sausages, tinned	7,256 "
Ox tongues, tinned	6,690 "
Pork Shoulders, tinned	6,319 "
Chopped Pork, tinned	6,286 "
Picnic Pork, tinned	4,500 "
Frankfurter Sausages, tinned	4,239 "
Lunch Tongues, tinned	3,773 "
Turkey Breasts, tinned	3,015 "
Chopped Beef, tinned	2,320 "
Chicken and Ham Luncheon Meat, tinned	2,267 "
Meat Preserves, tinned	2,023 "
Chicken Preserves, tinned	1,600 "
Lard	1,100 "
Gammon, tinned	1,072 "
Vienna Sausages, tinned	1,007 "
Pork Kidneys, tinned	850 "
Pork in Juice, tinned	823 "
Braised Kidneys, tinned	800 "
Chicken with Rice, tinned	755 "
Boneless Chicken, tinned	725 "
Chopped Ham, tinned	625 "
Pork Pate, tinned	450 "
Sliced Bacon, tinned	283 "
Meat Sandwich, tinned	240 "
Party Grill, tinned	203 "
Ham and Pork, tinned	185 "
Bacon Backs	151 bales
Pork Pallets, tinned.....	136 cartons
Chopped Kidneys	100 "
Chicken in Jelly, tinned	100 "
Salami Sausage, tinned	70 cases
Picnic Shoulders, tinned	50 cartons
Cooked Shoulders, tinned	50 "
Liver Sandwich Spread, tinned	42 "
Pork Samples	27 parcels
Half Chicken, tinned	25 cartons
Chicken Soup Mass	10 drums
Pork Loin, tinned	10 cartons
Meat Samples, tinned	6 "

OTHER FOOD INSPECTED

<i>Description</i>	<i>Quantity</i>
Beer	244,735 cases and cartons
Cheese	200,177 " " "
Evaporated Milk, tinned	126,803 " " "
Sugar	63,094 bags

<i>Description</i>	<i>Quantity</i>
Dried Onions.....	48,187 cartons
Butter	27,209 cases and cartons
Butter Oil, bottled	20,348 " " "
Potatoes	18,700 bags
Condensed Milk, tinned	10,648 cartons
Sauerkraut	5,869 pails, barrels and cartons
Blackberries, tinned.....	5,779 cartons
Cockles in Vinegar	5,686 containers and tins
Rusks	4,700 cartons
Cherry Brandy	4,668 "
Dehydrated Green Beans	4,494 "
Frozen Beans	3,860 "
Chocolate Beans	3,615 "
Boiled Salted Cockles	3,564 bags
Strawberries in Syrup, tinned	2,825 cartons
Liger Foods	2,750 "
Cocoa Butter.....	2,704 "
Chocolate	2,620 "
Sliced Green Beans	2,500 "
Whey Powder	2,470 bags
Dried Beans	2,286 cartons
Peaches, tinned	2,250 "
Raspberries, tinned	2,039 "
Kibbled Onions	2,032 "
Sago Flour	1,680 bags
Apricots, tinned	1,500 cartons
Beer	1,449 casks and tanks
Frozen Cockles	1,400 cartons
Dehydrated Potatoes	1,390 cartons and bags
Onions	1,313 bags
Cod Roe, tinned	1,150 cartons
Cauliflower in Brine.....	960 casks
Beetroot	950 jars
Gherkins in Brine	945 casks
Tomato Juice, tinned	900 cartons
Egg Powder	890 "
Potato Fingers	820 "
Cod Fish	767 "
Citric (Acid Granular)	760 bags
Fruit, tinned	750 cartons
Potato Crisps	720 "
Pure Food Starch	578 bags
Grapefruit Juice, tinned	500 cartons
Raisins	500 "
Sandwich Spread	470 "
Brewers Yeast	655 "
Oats	400 bags
Pears	350 cartons
Brandy	346 "

<i>Description</i>	<i>Quantity</i>
Confectionery	334 cartons
Coffee, tinned	317 "
Dried Cod	300 bales
Mayonnaise	274 cartons
Grapes	258 crates
Roasted Coffee Beans	242 bags
Milk Powder	224 cartons
Dried Apple	220 "
Mushrooms	218 "
Coffee	208 bales, bags and packages
Hardened Oil (Kerio)	200 cartons
Groceries	176 packages
Wine	161 cartons
Pickling Onions	272 bags
Soy	150 casks
Onions in Brine	135 "
Edam Cheese	100 cartons
Rye Bread	100 "
Toasties	100 "
Instant Onions, tinned	100 "
Dried Peas	100 "
Honey	100 "
Pure Vegetable Ghee	100 "
Unsalted Butter	80 "
Spinach	75 "
Indian Mixed Pickle	80 "
Tartaric Acid	70 bags
Egg Spray	40 cartons
Red Cabbage	25 bags
Silverskin Onions	23 casks
Coffee Aroma	20 drums
Barley Flour	24 bags
Dried Wheat Flour	20 bags
Chinese Egg Albumen Crystals	20 cases
Caramel Powder	10 drums
Gin	6 cartons
Walnuts in Brine	6 casks
Flavour Powder	4 drums
Carrots in Brine	3 cartons
Frozen Shrimps	1 "

FOODSTUFFS FOUND TO BE UNFIT

<i>Description</i>	<i>Weight</i>			
	<i>cwts.</i>	<i>qrs.</i>	<i>lb.</i>	<i>ozs.</i>
Pork Luncheon Meat, tinned	4	1	27	10
Chopped Ham & Pork, tinned	2	—	—	—
Bacon	1	—	15	—
Pork, tinned	—	4	17	11
Evaporated Milk, tinned	—	1	11	12

<i>Description</i>	<i>cwts.</i>	<i>qrs.</i>	<i>Weight</i>	
			<i>lb.</i>	<i>ozs.</i>
Cheese	—	1	8	—
Cooked Ham, tinned	—	1	4	—
Lard	—	—	24	—
Hot Dog Sausages, tinned	—	—	4	8
Bacon Grill, tinned	—	—	4	13
Party Sausages, tinned	—	—	4	—
Cocktail Sausages, tinned	—	—	2	—

FOOD AND DRUGS ACT 1955

Thirty-one samples of foodstuffs were taken for chemical analysis and fifty for bacteriological examination under the above Act.

THE FOOD HYGIENE (DOCKS, CARRIERS, ETC.) REGULATIONS 1960

During the year no action was taken under the above Regulations as all foodstuffs landed at Goole are packed or otherwise protected against the risk of contamination.

THE FOOD HYGIENE (GENERAL) REGULATIONS 1960-62

In accordance with above Regulations regular visits were paid by the Authority's officers to the home-going vessels in the district.

No complaints were received and the vessels were found to comply with the requirements of the Regulations.

REPORT OF THE PORT ANALYST

HULL

Water samples from five vessels were submitted for chemical examination, 1 of which was reported to be unsatisfactory.

179 samples of foodstuffs (as compared with 201 in 1966) were submitted for chemical examination of which 17 were reported as unsatisfactory. Further details are as follows :

Brazil Nuts, contained a very high amount of Aflatoxin.

Brazil Nuts, contained a very high amount of Aflatoxin.

Brazil Nuts, contained a high amount of Aflatoxin.

Brazil Nuts, contained a high amount of Aflatoxin.

Brazil Nuts, contained a very high amount of Aflatoxin.

Brazil Nuts, contained a medium amount of Aflatoxin.

Brazil Nuts, contained a high amount of Aflatoxin.

Brazil Nuts, contained a very high amount of Aflatoxin.

Note—Aflatoxin is a material produced by a strain of the common mould *Aspergillus flavus* growing on nuts. It has been found to be toxic to some animals, particularly the young. During the year Brazil (or Bolivia) Nuts (67 samples) and Groundnuts (3 samples) were examined for its presence. The 8 samples mentioned above were found to contain it.

Luncheon Meat, Pork contained 72 per cent of meat, calculated as raw pork, instead of, in my opinion, not less than 80 per cent.

Mustard Powder contained 0.25 per cent of allyl isothiocyanate instead of not less than 0.35 per cent as required by the Food Standards (Mustard) Order 1944.

Pork, chopped with Ham contained 90 per cent of meat, calculated as raw, instead of in my opinion not less than 95 per cent.

Sausages, Frankfurters, canned in brine contained 60 per cent of meat, calculated as raw on the drained weight of the sausage. According to the proposed Sausage and other Meat Regulations, 1967, not less than 70 per cent of meat should be present.

Sausages, Frankfurters, canned in brine, contained 59 per cent of meat calculated as raw, on the drained weight of the sausage. According to the proposed Sausage and Other Meats Regulations, 1967, not less than 70 per cent of meat should be present.

Tripe, Vegetables were present but this was not disclosed in the description of the article.

Cauliflower in brine, 225 parts per million of Sulphur Dioxide was present. This article would comply with the Preservative Regulation if the amount and nature of the preservative were disclosed.

Dried Beans, 2,500 parts per million of Sulphur Dioxide preservative were present. According to the Preservative in Food Regulations, 1962 not more than 2,000 parts should be present.

Dried potatoes, 650 parts per million of Sulphur Dioxide were present. According to the Preservative in Food Regulations 1962, not more than 550 parts should be present.

PESTICIDES

During the year only 4 samples (all canned Tomatoes) were submitted for pesticide residue examination.

GOOLE

31 samples of foodstuffs (as compared with 25 in 1966) were submitted for chemical examination of which 12 were reported as unsatisfactory are as follows :

Chopped beef contained 88 per cent of meat, calculated as raw beef. In my opinion the proposed Canned Meat Regulations require a minimum of 95 per cent.

Blackberries, canned in syrup, contained 36 per cent of fruit calculated as drained weight instead of, in my opinion, not less than 45 per cent.

Blackberries, canned in syrup, contained 39 per cent of fruit, calculated as above, instead of not less than 45 per cent.

Raspberries, canned in syrup, contained 38 per cent of fruit, calculated as above, instead of not less than 45 per cent.

Raspberries, canned in syrup, contained 36 per cent of fruit, calculated as above, instead of not less than 45 per cent.

Strawberries, canned in syrup, contained 28 per cent of fruit, calculated as above, instead of not less than 36 per cent.

Strawberries, canned in syrup, contained 32 per cent of fruit, calculated as above, instead of not less than 36 per cent.

Strawberries, canned in syrup, contained 33 per cent of fruit, calculated as above, instead of not less than 36 per cent.

Strawberries, canned in syrup, contained 31 per cent of fruit, calculated as above, instead of not less than 36 per cent.

Strawberries, canned in syrup, contained 29 per cent of fruit calculated as above, instead of not less than 36 per cent. Pulp was also present.

Strawberries, canned in syrup, sample consisted of strawberry pulp only.

Pure Vegetable Ghee, This article was labelled in a highly unsatisfactory manner. Ghee is an **animal** fat much esteemed on the Indian sub continent. The description Vegetable Ghee corresponds to what would be the illegal practice in this country of describing Margarine as "Vegetable Butter."

FOODSTUFFS

The results of the 210 samples of foodstuffs submitted for analysis were as follows :—

<i>Article</i>		<i>Unsatis- Total factory</i>	
Apples	.....	1	—
Beef products (n.c.e.)	.....	3	1
Brazil Nuts	.....	67	8
Cherries	.....	4	—
Chicken	.....	1	—
	and ham luncheon meat	1	—
	in jelly	1	—
Chocolates	.....	2	—
Christmas Tree decorations	.....	1	—
Eggs, frozen, whole	.....	29	—
Emulsifying agent, swedish elk	.....	1	—
Fish canned :	sardines in olive oil	1	—
	peeled shrimps	1	—
	dried squid	1	—
Fruit C. S.:	Blackberries	2	2
	Pears	1	—
	Raspberries	3	2
	Strawberries	8	6
dried :	Apples	2	—
	Currants	2	—
	Raisins	1	—
juice :	Grapefruit	1	—
pulp.	.....	1	—

<i>Sample</i>	<i>Unsatis- Total factory</i>	
Groundnuts	3	—
Ham, canned	2	—
chopped with pork	2	—
Lemons	2	—
Luncheon meat, pork	8	1
Margarine—vegetable ghee.....	1	1
Marzipan	1	—
Meat paste—liver	1	—
Mustard powder	1	1
Oranges	2	—
Pears	1	—
Peas, frozen	1	—
Pork, chopped with ham	1	1
Pork Goulash	1	—
Rusks	1	—
Sausages, canned, Frankfurter	2	2
Hot Dog	1	—
Soup powder : chicken noodle	1	—
Spices, curry powder	1	—
mixed flavour	1	—
Steak, stewed	1	—
Sweets	2	—
Tapioca	1	—
Tea	1	—
Tomatoes, canned	19	—
paste	1	—
puree	1	—
Tongue, ox	1	—
Tripe	1	1
Vegetables in brine : cauliflower	2	1
gherkins	1	—
canned : beans, haricot with pork	1	—
potatoes	1	—
dried : beans	2	1
onion	1	—
potato	3	1
paste egg with spinach	1	—
Walnuts in brine	1	—
	—	—
	210	29
	—	—

Action taken as a result of unsatisfactory reports :

(a) **HULL**

Brazil Nuts—The nuts were processed under observation and subsequent samples were reported to be satisfactory.

Tripe—The importers were informed of the circumstances.

Pork Luncheon Meat, Chopped Pork with Ham, Frankfurter Sausages—The importers were informed who passed the information to the manufacturers.

Mustard, Dried Beans, Dried Potatoes—The importers were informed that resampling would take place should any further consignments arrive in the port.

(b)—**GOOLE**

Canned raspberries, blackberries and strawberries—The importers were informed of the circumstances and copies of the Port Analyst's reports were forwarded to the canners in Holland.

The standards for fruit content are based on the Code of Practice negotiated between the Local Authorities Joint Advisory Committee and the Fruit and Vegetable Canners of Great Britain and have been approved by the Institute of Weights and Measures Administration. Foreign canners, however, are not party to the Code.

Pure Vegetable Ghee—The Food and Drugs Authority of the town to which the goods were proceeding was informed of the circumstances.

BACTERIOLOGICAL EXAMINATIONS

During the year 121 samples of foodstuffs were submitted to the Director of the Public Health Laboratory Service for bacteriological examination, with the following results :—

(a) **HULL**

<i>Nature of Sample</i>	<i>No.</i>	<i>Result</i>
Dried, frozen and pasteurised egg and egg powder	96	Satisfactory
Shrimps	5	„
Spaghetti Paste	1	„
Boneless cooked Chicken Meat	1	„
Swedish Elk	1	„
Prawns	3	„
Pasta	1	„
Macaroni	1	„
Turtle Meat	1	„
Desiccated Coconut	2	„
Frozen Chicken Skins	7	„
Shredded Chicken Meat	2	„

(b) **GOOLE**

Dutch spray-dried whole hen egg powder	49	47—Salmonellae not isolated.
	2	2—Salm. anatum isolated
Chinese hen egg albumen crystal	1	Salmonella and Shigella groups not isolated

Action taken as a result of unsatisfactory reports :

Dutch spray-dried whole hen egg powder—The cartons containing the unsatisfactory samples were returned to the country of origin.

APPENDIX I**HULL****Summary of Inspection to Vessels, Foreign and Coastwise**

From					
Foreign	{	Steamships	.....	.....	228
		Motor Vessels	.....	.....	3,512
		Fishing Vessels	.....	.....	1,332
Coastwise	{	Steamships	.....	.....	79
		Motor Vessels	.....	.....	591
		Fishing Vessels	.....	.....	43
				—	5,785
GOOLE					
Foreign	{	Steamships	.....	.....	2
		Motor Vessels	.....	.....	1,159
Coastwise	{	Steamships	.....	.....	—
		Motor Vessels	.....	.....	330
				—	1,491
					7,276
		Extra Visits	.....	.....	1,581
		Total	.....	.....	8,857

Summary of Inspections to Vessels, British and Foreign Owned**HULL**

Owners					
British	{	Steamships	.....	.....	217
		Motor Vessels	.....	.....	1,500
		Fishing Vessels	.....	.....	1,334
				—	3,051
Foreign	{	Steamships	.....	.....	90
		Motor Vessels	.....	.....	2,603
		Fishing Vessels	.....	.....	41
				—	2,734
GOOLE					
Owners					
British	{	Steamships	.....	.....	—
		Motor Vessels	.....	.....	558
				—	558
Foreign	{	Steamships	.....	.....	2
		Motor Vessels	.....	.....	931
				—	933
					7,276
		Extra Visits	.....	.....	1,581
		Total	.....	.....	8,857

The nationalities and number of inspections are shown below :—

British	3,609
German	1,247
Dutch	1,098
Norwegian	266
Danish	258
Swedish	231
Finnish	90
Russian	88
Polish	87
Icelandic	77
Greek	37
Jugo-Slavian	36
Liberian	26
Panamanian	19
French	14
Rumanian	12
Belgian	9
Indian	9
Spanish	8
Israeli	8
Swiss	8
Nigerian	7
South African	6
Sudanese.....	5
Italian	4
Faroese	4
Cyprian	3
Pakistani	2
Brazilian	1
Egyptian	1
Canadian	1
Chinese	1
Bulgarian	1
Eirean	1
Maltese	1
Burmese	1
Total	7,276

APPENDIX II

Table showing the Ports from which came Vessels dealt with on Arrival by the Medical Officers

Port	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Alexandria	-	-	-	-	1	-	-	-	-	-	-	-	1
Ashdod	-	-	1	-	-	-	-	-	-	-	-	-	1
Australia	2	1	-	3	2	-	2	1	-	1	1	2	15
Baltimore/ Azores	-	-	-	-	-	-	-	-	-	-	-	1	1
Brazil	-	-	-	-	-	2	-	-	-	2	-	-	4
China	-	-	1	-	1	-	-	-	-	-	-	1	3
Copenhagen	-	-	-	-	-	-	-	-	1	-	-	-	1
Dugirat/Ceuta	-	-	-	-	-	-	1	-	-	-	-	1	2
East Africa	-	-	1	-	-	-	-	-	-	1	1	-	3
Far East	-	-	-	-	-	1	-	-	-	-	-	-	1
Foreign Fishing Grounds	-	-	-	-	1	-	-	-	-	-	-	-	1
Gothenburg	12	7	12	12	15	14	14	13	14	13	12	12	150
Haifa	-	1	3	3	-	-	1	1	-	2	1	1	13
Hamina	-	-	-	-	-	-	-	-	1	-	-	-	1
India	-	1	-	-	-	-	-	-	-	1	-	-	2
Limassol/Ceuta	-	-	-	-	-	-	-	-	-	-	-	1	1
Mariestad	-	-	-	-	-	-	-	-	1	-	-	-	1
Mediterranean Ports/Ceuta	-	-	1	-	1	-	-	-	-	-	-	-	2
Milos/Ceuta	1	-	2	-	1	-	1	-	1	1	-	-	7
Neuvas (Cuba)	-	-	-	-	-	-	-	-	-	-	1	-	1
New Zealand	-	-	1	2	1	-	1	-	-	-	-	-	5
North Africa	4	3	1	7	2	4	3	2	2	5	4	2	39
Port Sudan	-	-	-	1	-	-	-	-	-	1	-	-	2
Rotterdam	26	24	26	26	27	28	31	31	29	26	23	26	323
South Africa	-	-	-	-	1	-	1	-	-	2	1	-	5
Valencia/Ceuta	-	1	-	-	-	-	-	-	-	-	-	-	1
Varna/Ceuta	-	1	-	-	-	-	-	-	-	-	-	-	1
West Africa	3	4	6	2	2	3	2	1	3	2	2	2	32
Extra Medical Inspections	1	-	-	-	-	-	-	-	-	1	-	-	2
Totals	49	43	55	56	55	52	57	49	52	58	46	49	621

APPENDIX III

STATEMENT SHOWING THE NUMBER OF ADMISSIONS TO HOSPITALS DURING 1967

<i>Date of Admission</i>	<i>Disease</i>	<i>Rating</i>	<i>Name of Vessel</i>	<i>Where From</i>
1967				
May 5th	Chicken-pox	Passenger	m.v. " Saga "	Gothenburg
July 23rd	Gastro-enteritis	A.B.	m.v. " El Gezira "	Port Sudan
August 21st	Infective hepatitis	Seaman	m.v. " Benavon "	Far East
September 3rd	Skin eruption due to insect bites	Passenger	m.v. " Saga "	Gothenburg
September 13th	Broncho-pneumonia	Seaman	m.v. " Timberto "	Hamina

APPENDIX IV

VESSELS REPORTED ON THEIR ARRIVAL AS HAVING, OR HAVING HAD, INFECTIOUS DISEASE ON BOARD

<i>Date</i>	<i>Name of Vessel</i>	<i>Where from</i>	<i>No. of cases</i>	<i>Rating</i>	<i>How dealt with</i>
1967					
January 24th	m.v. "Kohima"	West Africa	1	Chief Officer	Suffered during the voyage
September 13th	m.v. "Timberto"	Hamina	1	Seaman	Admitted to the Hull Royal Infirmary
May 5th	m.v. "Saga"	Gothenburg	1	Passenger	Admitted to the Castle Hill Hospital, Cottingham
June 2nd	m.v. "Spero"	Gothenburg	1	Asst. Steward	Treated by own doctor
September 17th	m.v. "Aaro"	Copenhagen	1	2nd Engineer	Landed at Copenhagen
August 21st	m.v. "Benavon"	Far East	1	Seamen	Admitted to the Castle Hill Hospital, Cottingham
June 23rd	m.v. "Spero"	Gothenburg	1	Passenger	Treated by private doctor
January 24th	m.v. "Kohima"	West Africa	1	Bosun	Landed at Penzance
May 10th	s.t. "Kingston Onyx"	Foreign Fishing Grounds	1	Spare Hand	Treated by own doctor

APPENDIX V

Total number of ships inspected	.....	.....	.....	7,118
Total number of ships with defects, including those due to dirt, vermin, etc.	.....	.....	.....	251
(a) at HULL				
British owned	.....	.....	.....	71
Foreign owned	.....	.....	.....	139
(b) at GOOLE				
British owned	.....	.....	.....	3
Foreign owned	.....	.....	.....	38

(a) DEFECTS OF ORIGINAL CONSTRUCTION

BRITISH

VENTILATION :—

		<i>No. of defects</i>	<i>Remedied</i>
Unventilated washplace	.....	1	Nil
,, shower compartments	.....	8	Nil
	Total	9	Nil

FOREIGN

VENTILATION :—

Unventilated W.C. compartments	.....	49	Nil
,, cabins	.....	45	Nil
,, wash places	.....	37	1
,, messrooms	.....	19	Nil
,, combined W.C. and washplace	.....	17	Nil
,, galley-messrooms	.....	11	Nil
,, shower compartments	.....	5	Nil
,, pail closet compartments	.....	4	Nil
,, galleys	.....	3	Nil
,, saloon	.....	1	Nil
,, recreation room	1	Nil
,, hospital	1	Nil

WATER CLOSETS :—

W.C.'s without water supply	10	Nil
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HEATING :—

No heating to cabins	3	Nil
	Total	206	1

(b) STRUCTURAL DEFECTS THROUGH WEAR AND TEAR

BRITISH

	<i>No. of defects</i>	<i>Remedied</i>
Defective W.C's and fitting	7	5
" water supplies	6	5
" flooring	4	4
" and choked waste pipes	3	3
" side ports and glasses	2	2
" wardrobe	1	1
" and choked scupper	1	1
" wash hand basin	1	1
" water pump in galley	1	Nil
" oil pump in galley	1	Nil
" locker top	1	1
" tap	1	1
No filler cap to fresh water vessel	1	Nil
Butcher's chopping block badly worn	1	1
Total	31	25

FOREIGN

Defective radiators	12	Nil
" W.C's and fittings	9	4
" insulation to deckhead	4	Nil
" water supplies	3	2
" settees	3	Nil
" and choked waste pipes	2	2
" laundry bowl	1	Nil
" table	1	1
" afterpeak tank	1	Nil
Total	36	9

(c) DIRT, VERMIN AND OTHER CONDITIONS PREJUDICIAL TO HEALTH

BRITISH

Dirty condition of cabins.....	17	17
" " forecastles	10	10
" " cabins	6	6
" " storerooms	5	5
" " galleys	4	4
" " W.C. compartments	4	4
" " pantries	3	3
" " refrigerator	1	1
" " alleyway	1	1
" " recreation room	1	1
" " companionway	1	1

	<i>No. of defects</i>	<i>Remedied</i>
Verminous condition of cabins	116	116
" " messrooms	23	23
" " galleys	17	17
" " pantries	10	10
" " lockers	10	10
" " washplaces	8	8
" " drying rooms	5	5
" " storerooms	5	5
" " saloons	2	2
" " recreation rooms	2	2
" " forecastle	1	1
" " bakery	1	1
" " wireless room	1	1
• Misappropriation of crew spaces : Oilskin locker used as a storeroom	1	1
	<u>255</u>	<u>255</u>

FOREIGN

	<i>No. of defects</i>	<i>Remedied</i>
Dirty condition of cabins	6	3
" " washplaces	6	2
" " W.C. compartments	6	4
" " refrigerators	2	2
" " pantry	1	1
Verminous condition of cabins	87	67
" " messrooms	36	27
" " galleys	17	11
" " pantries	15	11
" " washplaces	5	4
" " storerooms	5	5
" " lounges	4	4
" " smoke rooms	3	3
" " saloons	2	1
" " recreation rooms	2	1
" " bakery	1	1
Cabins requiring painting	4	Nil
Storeroom " " "	1	Nil
	<u>203</u>	<u>147</u>

(d) **DEFECTS ARISING FROM STRUCTURAL ALTERATIONS**
BRITISH

VENTILATION :—

			<i>No. of defects</i>	<i>Remedied</i>
Unventilated drying room	.....	.....	1	Nil
			—	—
			1	Nil
			—	—

FOREIGN

VENTILATION :—

Unventilated W.C. compartments	.....	.....	23	Nil
„ cabins	.....	.....	13	2
„ washplaces	.....	.....	3	Nil
„ galley-messrooms	.....	.....	3	Nil
„ messrooms	.....	.....	2	Nil
„ combined W.C. and wash- places	.....	.....	2	Nil
„ pail closet compartment	1	Nil
„ shower compartment	1	Nil

HEATING :—

No heating to cabins	6	1
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WATER CLOSETS :—

W.C.'s without water supply	8	Nil
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Total			62	3
			—	—

APPENDIX VI
POWERS

The Principal Acts of Parliament and the Regulations made there-
under affecting the work of the Authority are :—

Administration

- Hull and Goole Port Orders 1887-1938.
- Local Government Act 1933.
- Public Health Acts 1936 and 1961.
- Public Health Officers (Port Health Districts) Regulations 1959.

Aliens

- Aliens Order, 1953—Instructions to Medical Inspectors 1955.
- Commonwealth Immigrants Acts 1962 and 1968.

Canal Boats

- Canal Boats Regulations 1878-1931.
- Public Health Act 1936.

Crew Accommodation

Public Health Acts 1936 and 1961.

Dangerous Drugs

Dangerous Drugs (No. 2) Regulations 1964.

Food Inspection

Public Health (Imported Milk) Regulations 1926.
 Public Health (Imported Food) Regulations 1937 and 1948.
 Food and Drugs (Whalemeat) Regulations 1949 and 1950.
 Food and Drugs Act 1955.
 Food Hygiene (General) Regulations 1960-62.
 Food Hygiene (Docks, Carriers, etc.,) Regulations 1960.
 Colouring Matter in Food Regulations 1966.
 Arsenic in Food Regulations 1959-60.
 Fluorine in Food Regulations 1959.
 Labelling of Food Order 1953
 The Meat (Staining and Sterilization) Regulations 1960.
 Lead in Food Regulations 1961.
 Preservatives in Food Regulations 1962.
 Liquid Egg (Pasteurisation) Regulations 1963.
 Mineral Hydrocarbons in Food Regulations 1966.
 Bread and Flour Regulations 1963.
 Antioxidant in Food Regulations 1958 and 1966.
 The Food (Control of Irradiation) Regulations 1967.
 The Solvents in Food Regulations 1967.

Infectious Diseases

Public Health Acts 1936 and 1961.
 Public Health (Ships) Regulations 1966.
 Public Health (Aircraft) Regulations 1966.
 Public Health (Infectious Diseases) Regulations 1953.

Rodent Control

Prevention of Damage by Pests Act 1949 and 1954.
 Public Health (Ships) Regulations 1966.
 Hydrogen Cyanide (Fumigation of Ships) Regulations 1951.
 Prevention of Damage by Pests (Application to Shipping) Order 1951.
 Prevention of Damage by Pests (Application to Shipping) (Amendment No. 2) Order 1956.
 The Poisons (Fluoroacetamide and Fluoroacetanilide) Rules 1964.
 Poisons Rules 1966.

Smoke Abatement

Clean Air Act 1956.
 Dark Smoke (Permitted Periods) (Vessels) Regulations 1958.



